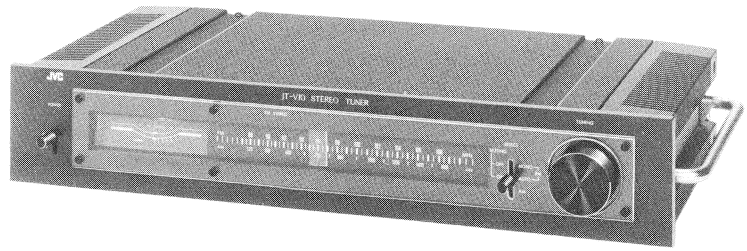
JVC

SERVICE MANUAL

MODEL JT-V10

STEREO TUNER



No.2 402
JAN 1977

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This SET is switchable between line voltages of 110, 120, 220 and 240 volts AC, 50/60 Hz.
The change-over switch is placed on the rear panel of the set.
To select another voltage, turn the change-over switch with a screwdriver or coin.

1. Specifications

FM Tuner Section

Tuning Range		:	88 MHz – 108 MHz
Usable Sensitivity		:	12 dBf (2.2 μV)
50 dB Quieting Sensitivity	Mono	:	17.2 dBf (4 μV)
	Stereo	:	39.2 dBf (50 μV)
Signal to Noise Ratio	Mono	:	70 dB
	Stereo	:	68 dB
Distortion at 1 kHz	Mono	:	0.3 %
	Stereo		0.5 %
Capture Ratio		:	1.5 dB
Alternate Channel Selectivity		:	55 dB
Image Response Ratio		:	55 dB
AM Suppression Ratio		:	45 dB
Stereo Separation at 1 kHz		:	35 dB
Subcarrier Product Ratio		:	38 dB
De-emphasis		:	75 or 50 μsec.
Output Level (Re: 400 Hz, 75 kHz dev.)		:	600 mV/5 kΩ
Antenna Input Impedance		:	300 Ω balanced, 75 Ω unbalanced

AM Tuner Section

Tuning Range	:	525 kHz – 1605 kHz
Usable Sensitivity	:	350 μV/m (bar antenna) 50 μV (ext. antenna)
Total Harmonic Distortion	:	0.8 %
Signal to Noise Ratio	:	50 dB
Selectivity	:	30 dB
Image Rejection Ratio	:	45 dB
Output Level (Re: 400 Hz, 100 % mod.)	:	600 mV/5 kΩ
Antenna	:	Built-in ferrite core bar anttena and external antenna terminal

Power Source	:	AC 110/120/220/240 V, 50/60 Hz
Power Consumption	:	8.5 watts
Dimensions	:	3-5/8"(H) x 19-5/8"(W) x 10-13/16"(D) (9.1 cm x 49.6 cm x 27.4 cm)
Weight	:	Net 7.5 lbs. (3.4 kg)

Design and specifications subject to change without notice.

2. Removal of Top Cover, Bottom Cover and Plastic Cabinets

1. Remove 4 screws (Item No. 27) from the metal cover (Item No. 12).
2. Slide out the Metal cover toward back.
3. Remove 4 screws (Item No. 25) from the bottom cover (Item No. 18) and remove it from the chassis.
4. Remove 4 screws (Item No. 24) through the both side of the cabinet and remove the handles (Item No. 17).
5. Remove 8 screws (Item No. 25) through the both side of the cabinet and remove the plastic cabinets (Item No. 16).

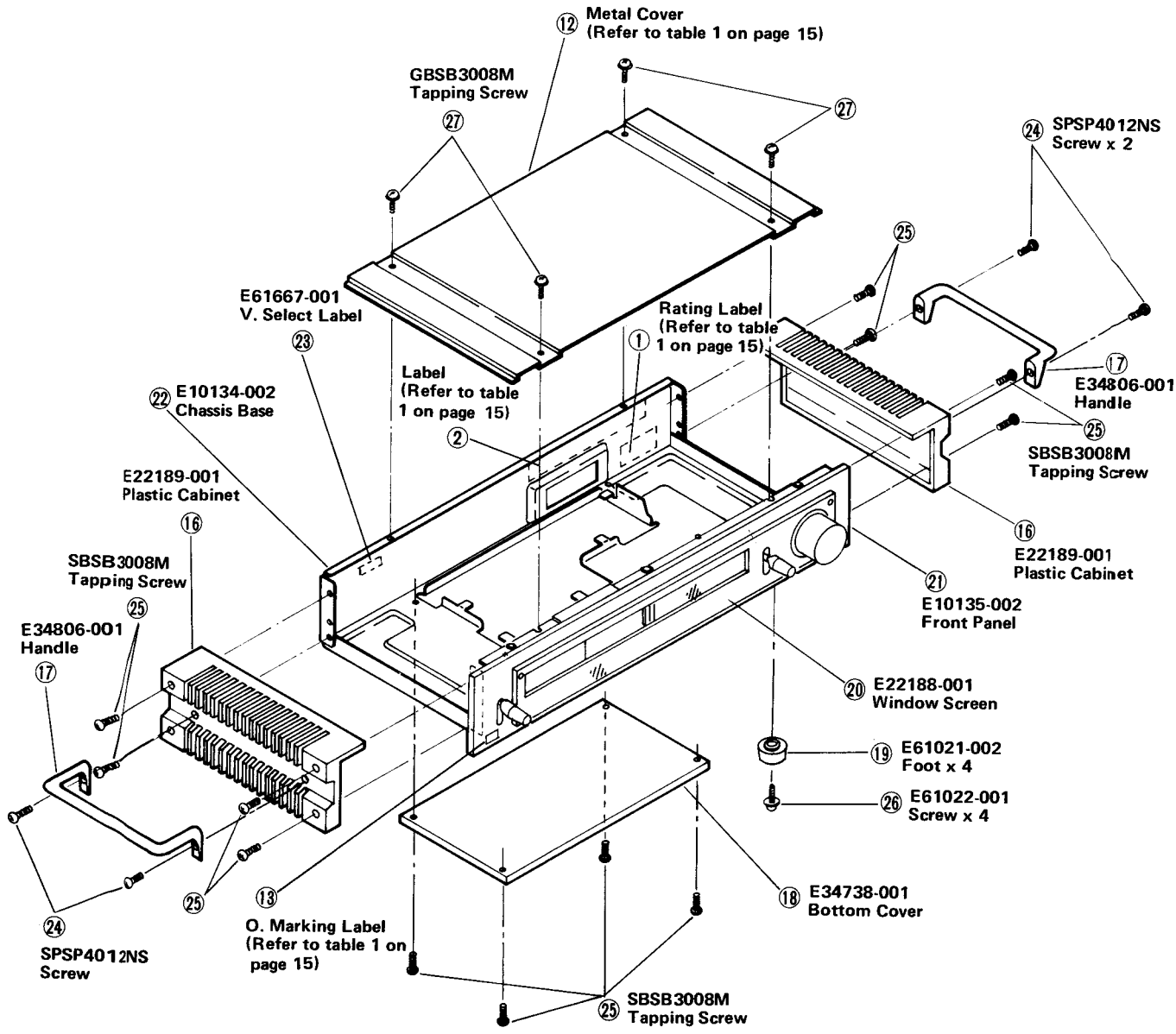


Fig. 1

3. Main Parts Location and Part Numbers

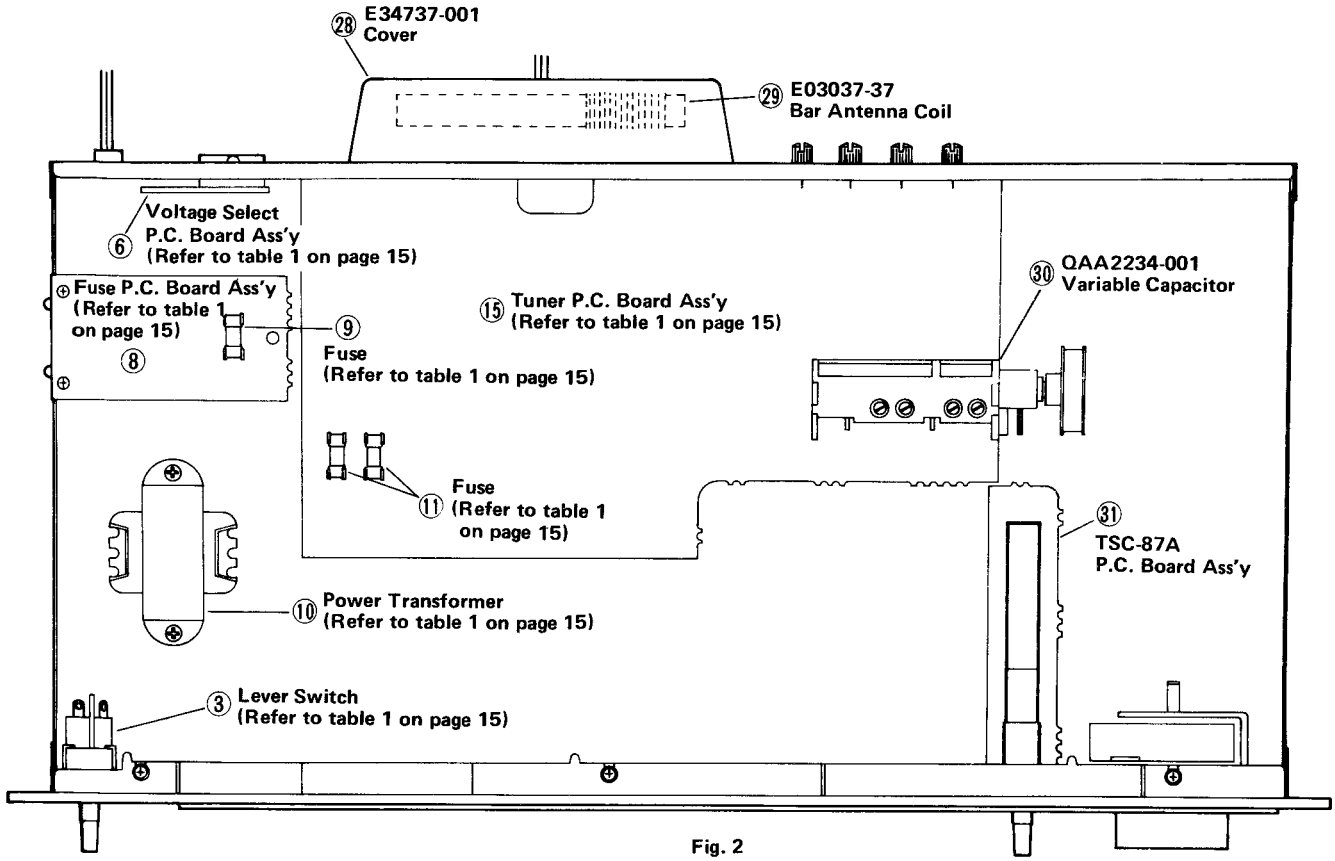


Fig. 2

4. Dial Stringing Procedures

1. Turn the tuning capacitor dial drum fully counterclockwise. (Minimum Capacity)
2. Then start dial stringing as shown below.

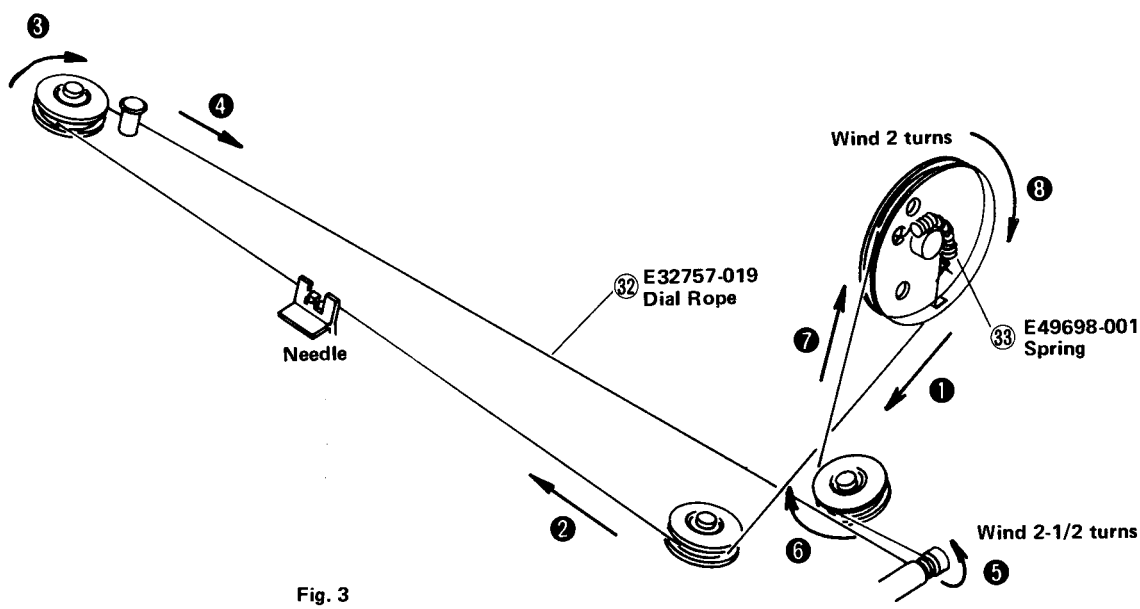


Fig. 3

5. Exploded View and Part Numbers

5-(1) Front Panel

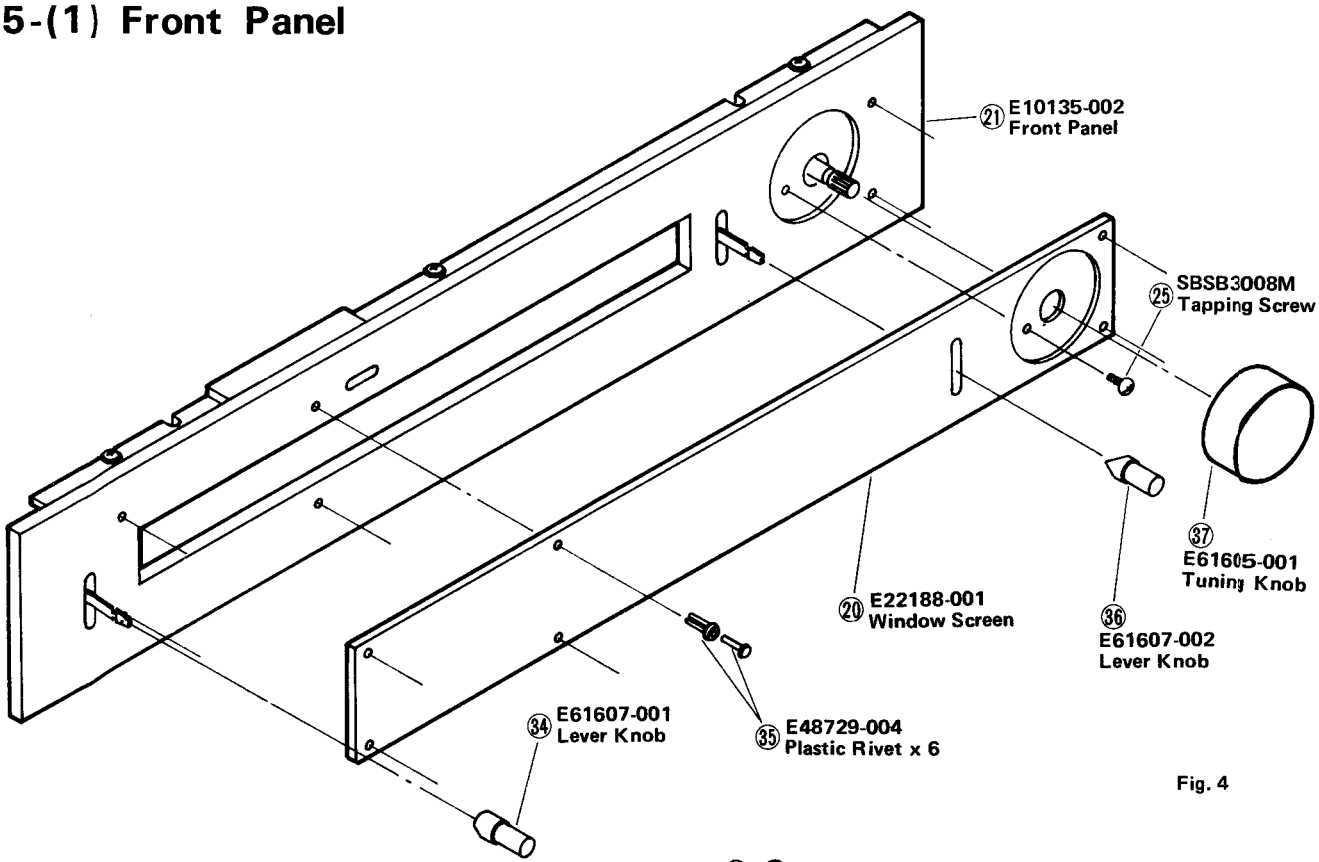


Fig. 4

5-(2) Front (A)

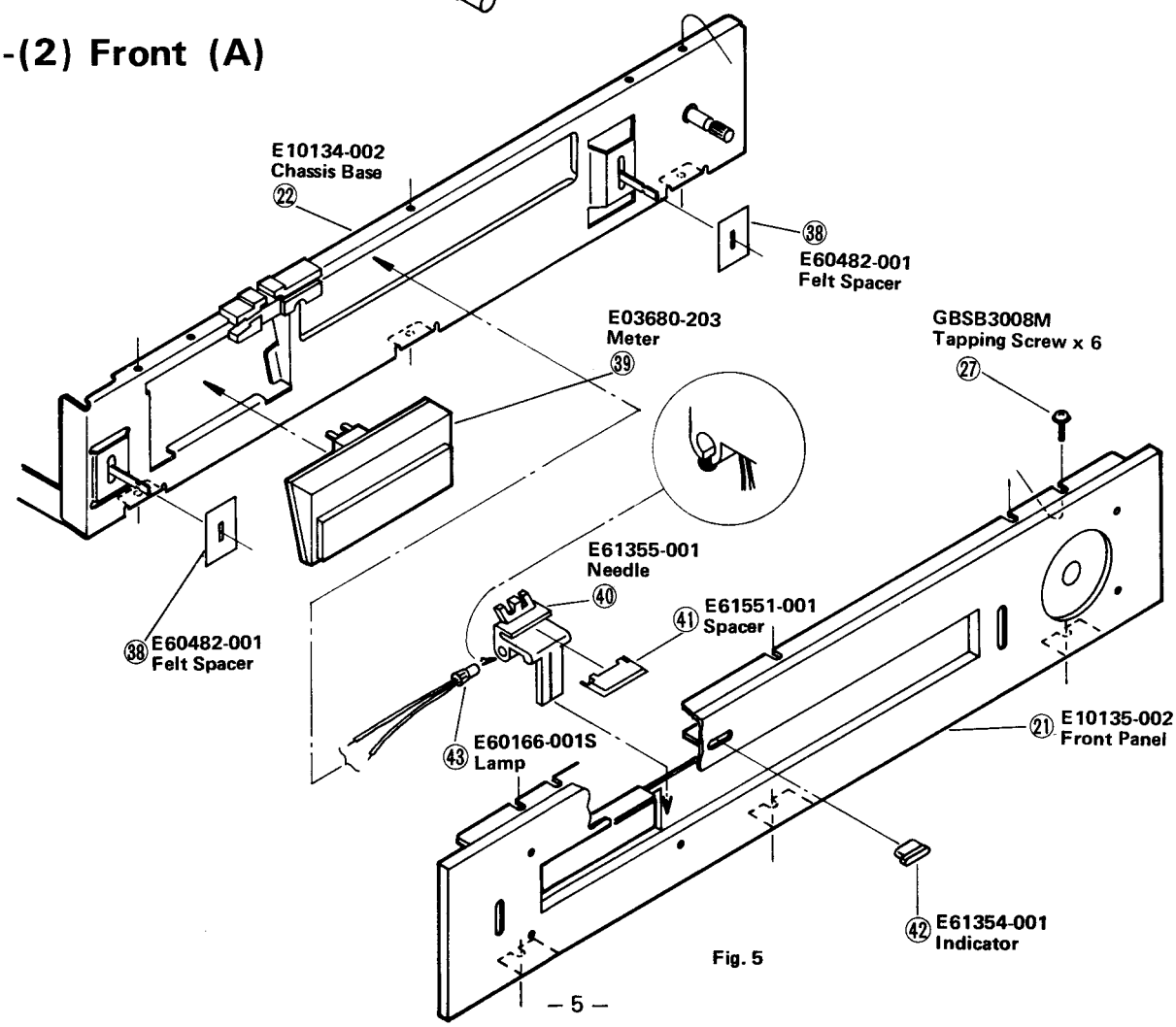


Fig. 5

Front (B)

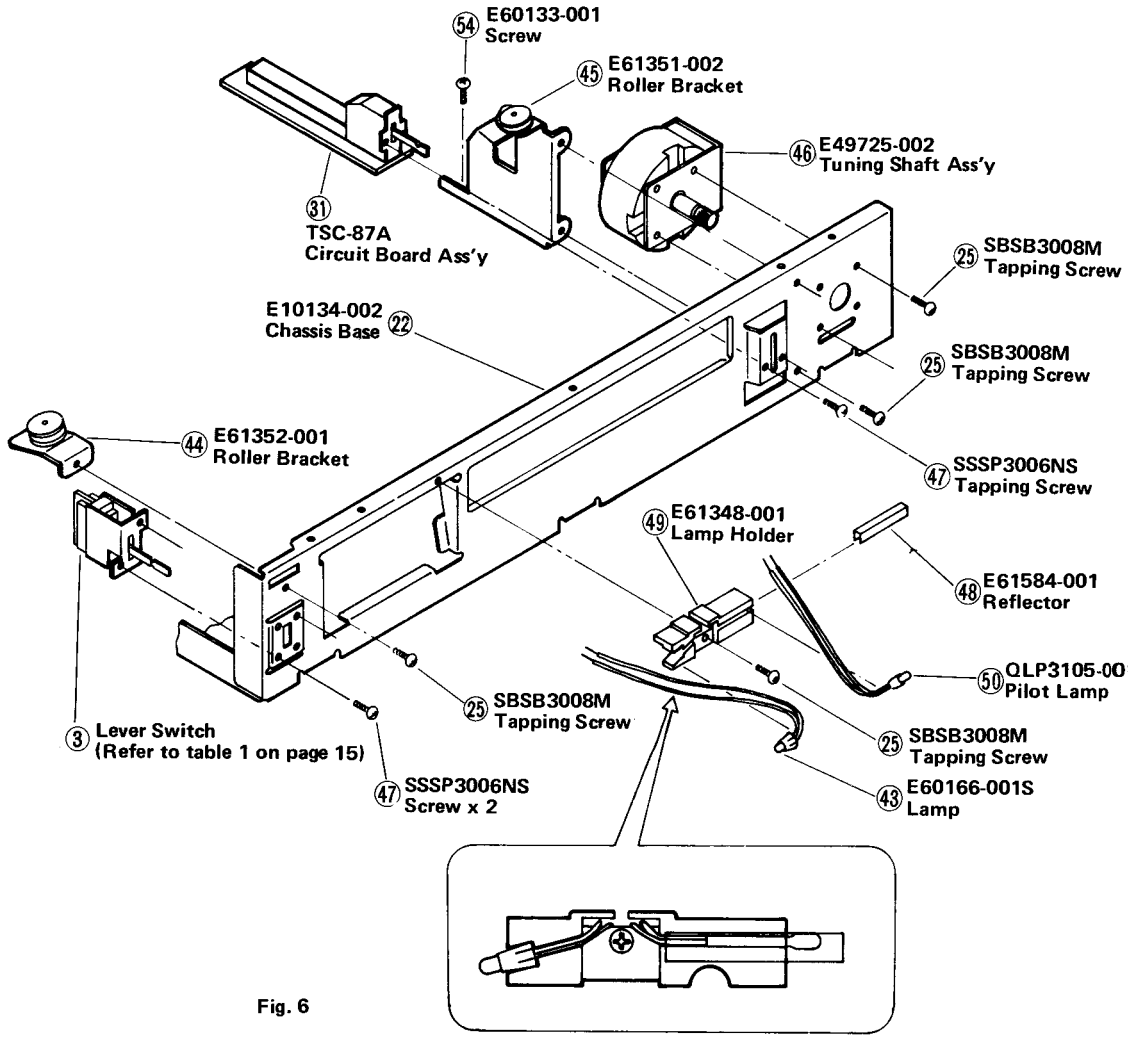

54 E60133-001 Screw
45 E61351-002 Roller Bracket
46 E49725-002 Tuning Shaft Ass'y
31 TSC-87A Circuit Board Ass'y
25 SBSB3008M Tapping Screw
E10134-002 Chassis Base 22
25 SBSB3008M Tapping Screw
44 E61352-001 Roller Bracket
47 SSSP3006NS Tapping Screw
49 E61348-001 Lamp Holder
48 E61584-001 Reflector
50 QLP3105-001 Pilot Lamp
25 SBSB3008M Tapping Screw
3 Lever Switch (Refer to table 1 on page 15)
25 SBSB3008M Tapping Screw
47 SSSP3006NS Screw x 2
43 E60166-001S Lamp

Fig. 6

5-(3) Rear

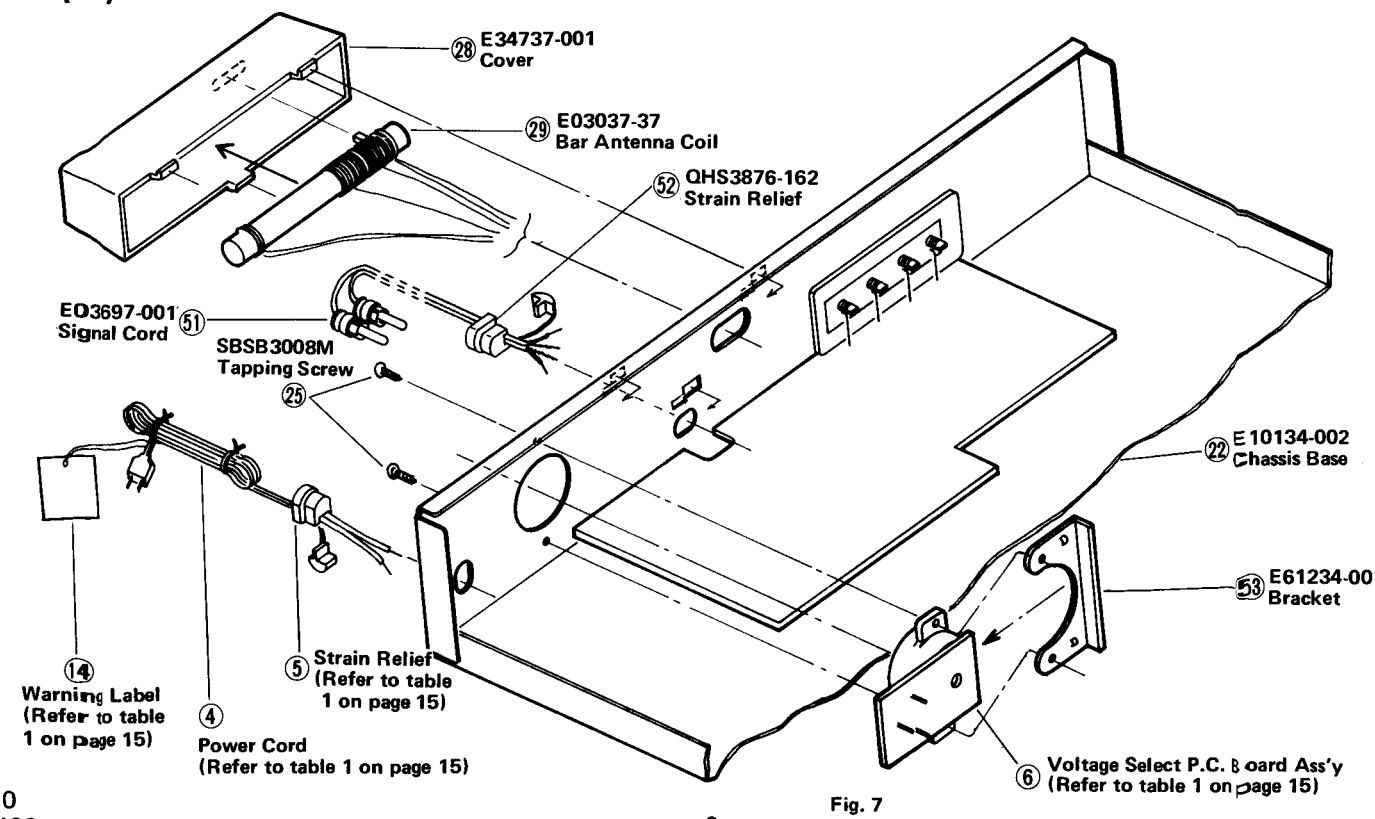

28 E34737-001 Cover
29 E03037-37 Bar Antenna Coil
52 QHS3876-162 Strain Relief
E03697-001 Signal Cord 51
SBSB3008M Tapping Screw
25
22 E10134-002 Chassis Base
53 E61234-001 Bracket
14 Warning Label (Refer to table 1 on page 15)
4 Power Cord (Refer to table 1 on page 15)
5 Strain Relief (Refer to table 1 on page 15)
6 Voltage Select P.C. Board Ass'y (Refer to table 1 on page 15)

Fig. 7

5-(4) Chassis Base

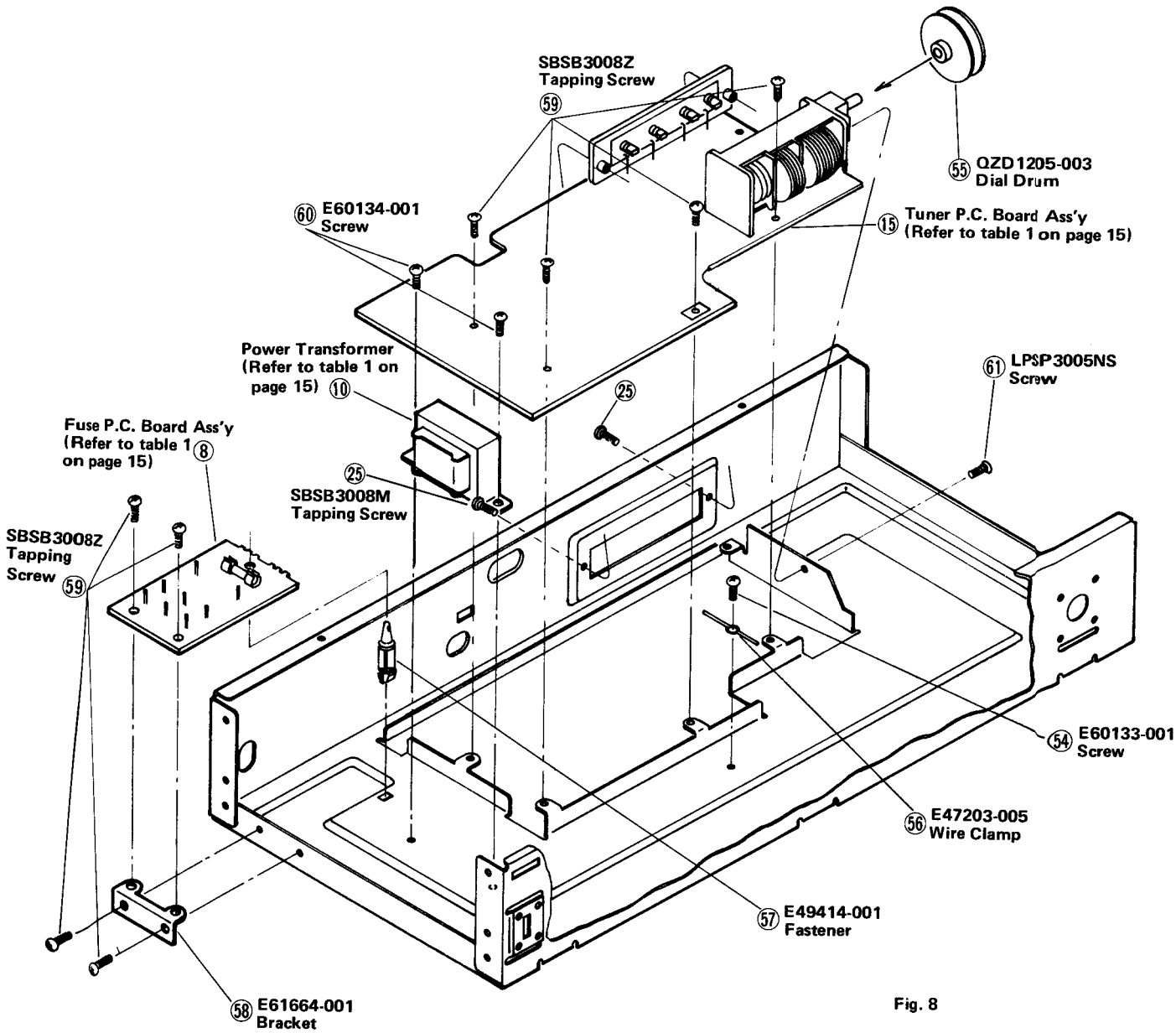


Fig. 8

6. FM/AM Tuner Alignment Procedure

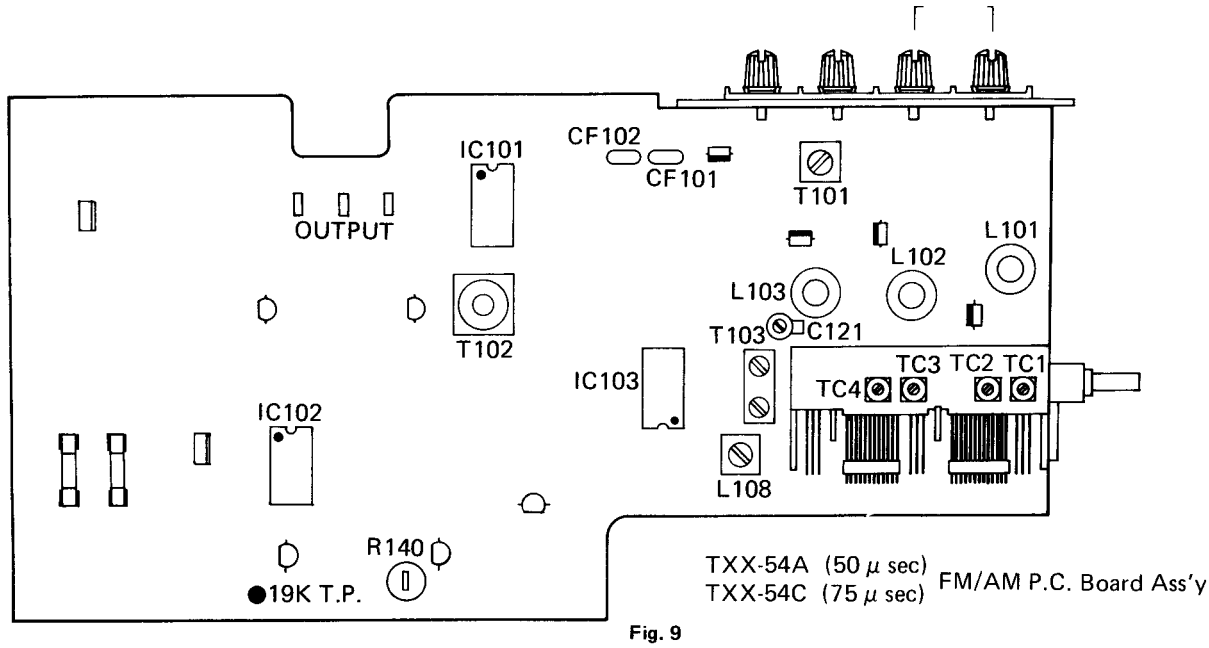


Fig. 9

6-(1) FM Section

Alignment locations for FM/AM Tuner sections

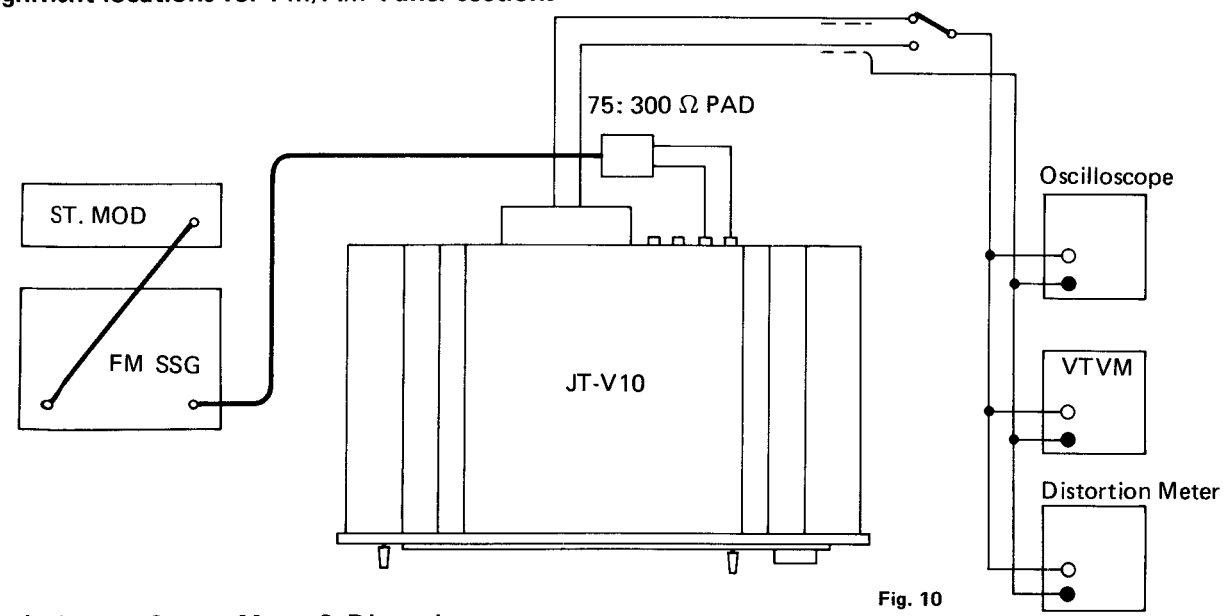


Fig. 10

Discriminator, Center Meter & Distortion

1. Connect an RF generator, 1 kHz modulation and 75 kHz deviation, to the antenna terminals on the rear panel through a dummy antenna.
2. Connect an oscilloscope, distortion meter and VTVM to the OUTPUT Jacks on the rear panel.
3. Tune to a frequency where there is no broadcasting.
4. Adjust the bottom core of T102 so that the center meter indicates "0" (zero).
5. Set the generator to 98 MHz.
6. Set the dial pointer to 98 MHz.
7. Adjust the top core of T102 so that the distortion is minimized at a value less than 0.4 %.

Tracking and Sensitivity

Low Frequency

1. Connect an RF generator to the antenna terminals on the rear panel through a dummy antenna.
2. Set the RF generator to 88 MHz, a modulation of 1 kHz and a deviation of 75 kHz, to provide an input of 2 μV.
3. Connect a VTVM and an oscilloscope to the OUTPUT Jacks on the rear panel.
4. Set the dial pointer to 88 MHz.
5. Adjust three coils L103, L102 and L101 in the tuning gang to maximize the output.

High Frequency

6. Set the RF generator to 108 MHz, a modulation of 1 kHz and a deviation of 75 kHz, to provide an input of 2 μV.
7. Set the dial pointer to 108 MHz.
8. Adjust the FM trimmers C121, TC3 and TC1 in the tuning gang to maximize the output.
9. Repeat these high and low frequency adjustments alternately until maximum sensitivity is obtained.

Multiplex

1. Set a stereo signal generator as follows: Modulation frequency 1 000 Hz, Deviation pilot 7.5 kHz, Main and Sub. 67.5 kHz. Connect its output to an RF generator.
2. Connect the RF generator to the antenna terminals through a dummy antenna.
3. Connect a VTVM, an oscilloscope and a distortion meter to the OUTPUT Jacks.
4. Set the RF generator to 98 MHz and an output of 1 mV.
5. Set the dial pointer to 98 MHz.
6. Connect a frequency counter to Tab No. 20 (19K T.P.)
7. Switch off the pilot signal of the stereo modulator.
8. Adjust R140 so that the frequency counter indicates 19 kHz (± 0.1 kHz).
9. If no frequency counter is available, there is another simplified method. Tune exactly to a stereo broadcast. Then turn R140 in either direction to find the range in which the stereo indicator lights up and fix R140 at the center of the range.

Note: Keep the SELECT switch at FM AUTO position during this adjustment procedure of multiplex.

6-(2) AM Section

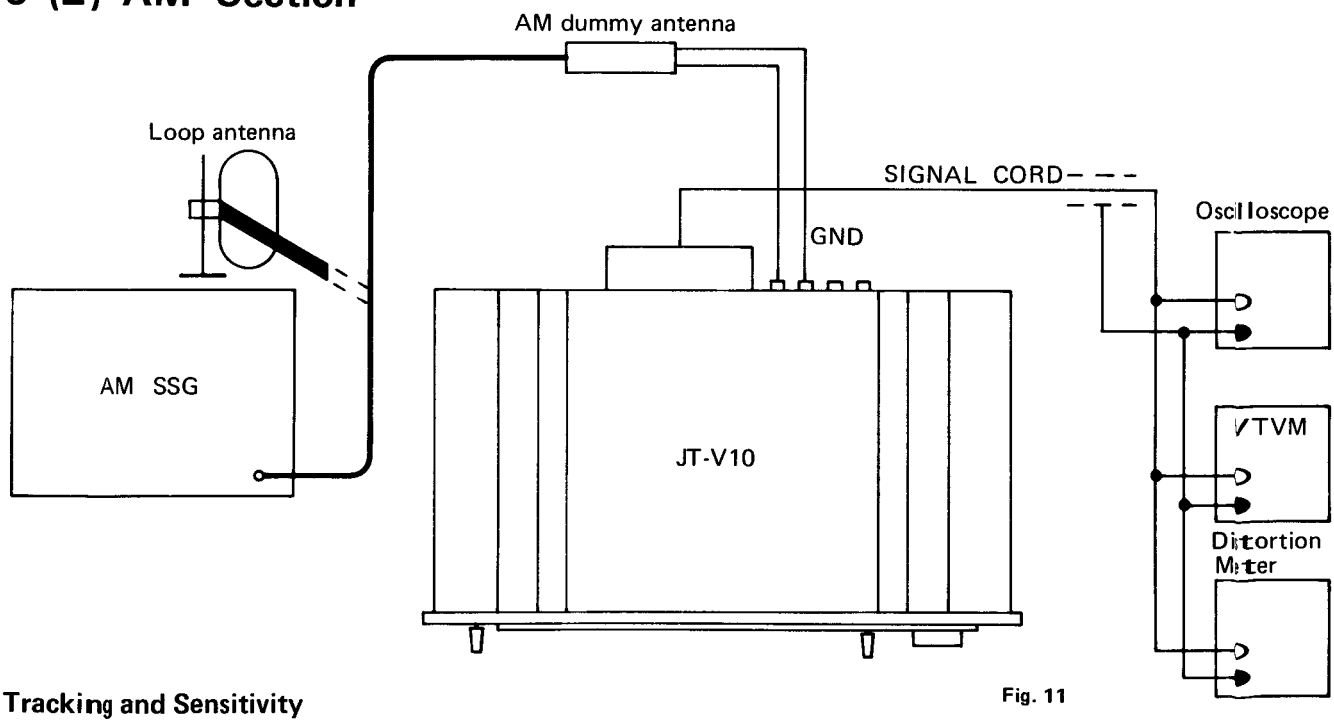


Fig. 11

Tracking and Sensitivity

Low Frequency

1. Connect an RF generator to the antenna terminals on the rear panel, set this to 600 kHz with 30 % modulation at 400 Hz.
2. Connect an AC VTVM and an oscilloscope to OUTPUT Jacks on the rear panel.
3. Set the dial pointer to 600 kHz.
4. Adjust Osc. transformer L108 and the ferrite bar antenna to maximize the output signal.

High Frequency

5. Set the RF generator to 1 400 kHz with 30 % modulation at 400 Hz.
6. Set the dial pointer to 1 400 kHz.
7. Adjust the trimmers TC4 and TC2 in the AM tuning gang so that the output signal is maximized.
8. Repeat these high and low frequency adjustments alternately until maximum sensitivity is obtained.

7. Printed Circuit Board Ass'y and Parts List

7-(1) TXX-54A & C FM/AM Tuner P.C.Board Ass'y

(TFM-329GUA1 & 3 + TSC-87A)

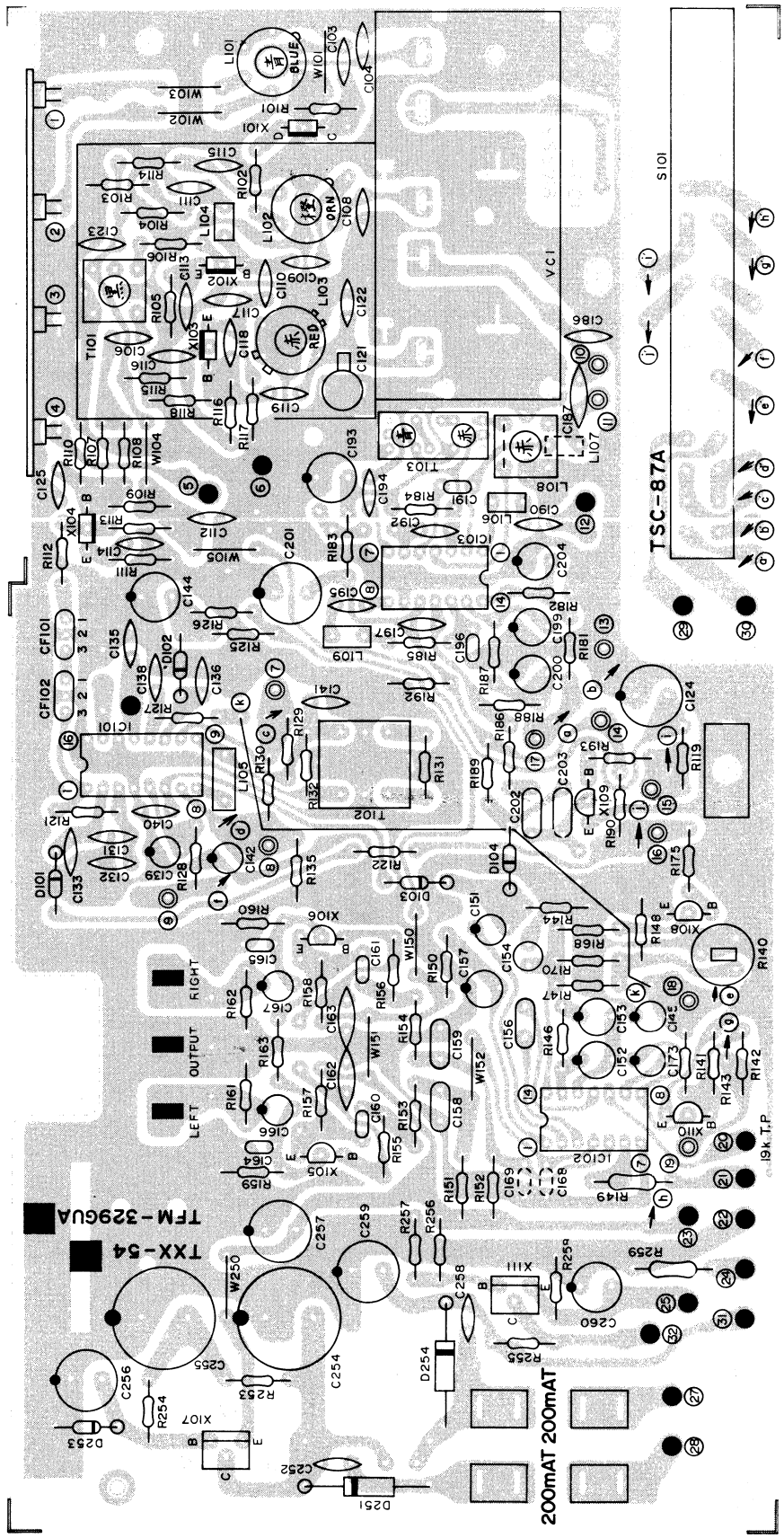


Fig. 2

Transistors

Item No.	Part Number	Rating		Description	Maker
		pc	fT		
X101	2SK55D	IDSS: 14 mA, NF: 3.5 dB (f=100 MHz)		FET	Hitachi
X102	2SC535 (C)	100 mW	700 MHz	Silicon	"
X103	2SC461 (B, C)	200 mW	230 MHz	"	"
X104	2SC461 (B, C)	200 mW	"	"	"
X105	2SA872AV (D, E)	300 mW	120 MHz	"	"
X106	2SA872AV (D, E)	"	"	"	"
X107	2SD325 (D, E)	10 W	8 MHz	"	Sanyo
X108	2SC458 (C)	250 mW	230 MHz	"	Hitachi
X109	2SC458 (C)	"	"	"	"
X110	2SC458 (C)	"	"	"	"
X111	2SD325 (D, E)	10 W	8 MHz	"	Sanyo

Integrated Circuits

Item No.	Part Number	Rating	Description	Maker
IC101	HA1137W		FM I.F. Amp. and DET.	Hitachi
IC102	HA1156W		MPX	"
IC103	HA1151		AM RF I.F.	"

Diodes

Item No.	Part Number	Rating		Description	Maker
D101	1S2473			Silicon	Toyo Dengu
D102	1S2473			"	"
D103	1S2473			"	"
D104	1S2473			"	"
D251	SIB01-02			"	Fuji
D253	WZ-130	13 V	500 mW	Zener	JRC
D254	SIB01-02			Silicon	Fuji

Coils & Transformers

Item No.	Part No.	Rating	Description
L101	E03477-024		RF Coil (BLUE)
L102	E03477-35		RF Coil (ORANGE)
L103	E03477-026		RF Coil (RED)
L104	E03522-2R2KY	2.2 μH	Choke Coil
L105	E03522-220K	22 μH	"
L106	E03522-2R2KY	2.2 μH	"
L108	E03079-29		AM O.S.C. Coil
L109	E03522-391KY	390 μF	Choke Coil
T101	E03078-39		FM I.F.T.
T102	E03134-020		FM DET. Transformer
T103	E03613-002		AM I.F.T.

Ceramic Filters

Item No.	Part No.	Rating	Description
CF101	E03357-006	10.7 MHz	Ceramic Filter
CF102	E03357-006	"	"

Capacitors

Item No.	Part Number	Rating		Description
C103	QCS11HJ-101	100 pF	50 V	Ceramic Capacitor
C104	QCS11HJ-180	18 pF	"	"
C106	QCF11HP-223	0.022 μF	"	"
C108	QCS11HJ-180	18 pF	"	"
C109	QCS11HJ-100	10 pF	"	"
C110	QSC11HJ-4R0	4 pF	"	"
C111	QCS11HJ-101	100 pF	"	"
C112	QCF11HP-223	0.022 μF	"	"
C113	QCF11HP-103	0.01 μF	"	"
C114	QCF11HP-223	0.022 μF	"	"
C115	QCF11HP-103	0.01 μF	"	"
C116	QCF11HP-103	"	"	"
C117	QCT05CH-100	10 pF	"	"
C118	QCT05CH-220	22 pF	"	"
C119	QCT05CH-7R0	7 pF	"	"
C121	QAT3001-005			Trimmer
C122	QCT05SH-220	22 pF	50 V	Ceramic Capacitor
C123	QCF11HP-103	0.01 μF	"	"
C124	QEW41CA-107	100 μF	16 V	Electrolytic Capacitor
C125	QCS11HJ-470	47 pF	50 V	Ceramic Capacitor
C131	QCZ0107-473	0.047 μF	25 V	"
C132	QCZ0107-473	"	25 V	"
C133	QCF11HP-223	0.022 μF	50 V	"
C135	QCF11HP-223	"	"	"
C136	QCF11HP-223	"	"	"
C138	QCF11HP-223	"	"	"
C139	QEW41HA-475	4.7 μF	"	Electrolytic Capacitor
C140	QCS11HJ-820	82 pF	"	Ceramic Capacitor
C141	QCF11HP-223	0.022 μF	"	"
C142	QEW41HA-105	1 μF	"	Electrolytic Capacitor
C144	QEW41CA-476	47 μF	16 V	"
C145	QEW41CA-106	10 μF	"	"
C151	QEW41EA-475	4.7 μF	25 V	"
C152	QEB41HM-224	0.22 μF	50 V	L.L.C. Electrolytic Capacitor
C153	QEB41EM-106	10 μF	25 V	"
C154	QFS42BJ-471	470 pF	125 V	Polystyrene Capacitor
C156	QFM41HK-473	0.047 μF	50 V	Mylar Capacitor
C157	QEW41CA-226	22 μF	16 V	Electrolytic Capacitor
C158	QFM41HK-223	0.022 μF	50 V	Mylar Capacitor
C159	QFM41HK-223	"	"	"
C160	QFM41HK-332	3300 pF	"	"
C161	QFM41HK-332	"	"	"
C162	QCS11HJ-331	330 pF	"	Ceramic Capacitor
C163	QCS11HJ-331	"	"	"
C164	QFM41HK-332	3300 pF	"	Mylar Capacitor
C165	QFM41HK-332	"	"	"
C166	QEW41HA-474	0.47 μF	"	Electrolytic Capacitor
C167	QEW41HA-474	"	"	"
C168	QFM41HK-682	6800 pF	"	Mylar Capacitor
C169	QFM41HK-682	"	"	"
C173	QEB41HM-105	1 μF	"	L.L. C. Electrolytic Capacitor
C186	QCS11HJ-150	15 pF	"	Ceramic Capacitor
C187	QCS11HJ-331	330 pF	"	"
C190	QCF11HP-223	0.022 μF	"	"
C191	QFM41HK-103	0.01 μF	"	Mylar Capacitor
C192	QCF11HP-223	0.022 μF	"	Ceramic Capacitor
C193	QEW41CA-476	47 μF	16 V	Electrolytic Capacitor
C194	QCF11HP-223	0.022 μF	50 V	Ceramic Capacitor
C195	QCS11HJ-331	330 pF	"	"
C196	QFM41HK-102	1000 pF	"	Mylar Capacitor

Capacitors

Item No.	Part Number	Rating		Description
C197	QCF11HP-223	0.022 μF	50 V	Ceramic Capacitor
C199	QEW41HA-105	1 μF	"	Electrolytic Capacitor
C200	QEW41EA-475	4.7 μF	25 V	"
C201	QEW41CA-227	220 μF	16 V	"
C202	QFM41HK-683	0.68 μF	50 V	Mylar Capacitor
C203	QFM41HK-683	"	"	"
C204	QEW41AA-476	47 μF	10 V	Electrolytic Capacitor
C252	QCF11HP-103	0.01 μF	50 V	Ceramic Capacitor
C254	QEW41VA-477	470 μF	35 V	Electrolytic Capacitor
C255	QEW41EA-477	"	25 V	"
C256	QEW41CA-107	100 μF	16 V	"
C257	QEW41CA-107	"	"	"
C258	QCF11HP-103	0.01 μF	50 V	Ceramic Capacitor
C259	QEW41VA-107	100 μF	35 V	Electrolytic Capacitor
C260	QEW41AA-107	"	10 V	"
VC1	QAA2234-001			Variable Capacitor

Resistors

Item No.	Part Number	Rating		Description
R101	QRD181J-105	1 MΩ	1/8 W	Carbon
R102	QRD181J-470	47 Ω	"	"
R103	QRD181J-472	4.7 kΩ	"	"
R104	QRD181J-223	22 kΩ	"	"
R105	QRD181J-102	1 kΩ	"	"
R106	QRD181J-101	100 Ω	"	"
R107	QRD181J-221	220 Ω	"	"
R108	QRD181J-122	1.2 kΩ	"	"
R109	QRD181J-153	15 kΩ	"	"
R110	QRD181J-472	4.7 kΩ	"	"
R111	QRD181J-102	1 kΩ	"	"
R112	QRD181J-271	270 Ω	"	"
R113	QRD181J-331	330 Ω	"	"
R114	QRD181J-101	100 Ω	"	"
R115	QRD181J-561	560 Ω	"	"
R116	QRD181J-103	10 kΩ	"	"
R117	QRD181J-222	2.2 kΩ	"	"
R118	QRD181J-103	10 kΩ	"	"
R119	QRD181J-151	150 Ω	"	"
R121	QRD181J-331	330 Ω	"	"
R122	QRD181J-334	330 kΩ	"	"
R125	QRD181J-151	150 Ω	"	"
R126	QRD181J-151	150 Ω	"	"
R127	QRD181J-121	120 Ω	"	"
R128	QRD181J-123	12 kΩ	"	"
R129	QRD181J-822	8.2 kΩ	"	"
R130	QRD181J-221	220 Ω	"	"
R131	QRD181J-362	3.6 kΩ	"	"
R132	QRD181J-562	5.6 kΩ	"	"
R135	QRD181J-154	150 kΩ	"	"
R140	QVP4A0B-472	4.7 kΩ	"	Variable
R141	QRD181J-473	47 kΩ	"	Carbon
R142	QRD181J-104	100 kΩ	"	"
R143	QRD181J-333	33 kΩ	"	"
R144	QRD181J-104	100 kΩ	"	"
R146	QRD181J-102	1 kΩ	"	"
R147	QRD181J-183	18 kΩ	"	"
R148	QRD181J-153	15 kΩ	"	"
R149	QRD126J-221	220 Ω	1/2 W	Uninflammable
R150	QRD181J-151	150 Ω	1/8 W	Carbon

Resistors

Item No.	Part No.	Rating		Description
R151	QRD181J-222	2.2 kΩ	1/8 W	Carbon
R152	QRD181J-222	"	"	"
R153	QRD181J-103	10 kΩ	"	"
R154	QRD181J-103	"	"	"
R155	QRD181J-103	10 kΩ	"	"
R156	QRD181J-103	"	"	"
R157	QRD181J-821	820 Ω	"	"
R158	QRD181J-821	"	"	"
R159	QRD181J-562	5.6 kΩ	"	"
R160	QRD181J-562	"	"	"
R161	QRD181J-683	68 kΩ	"	"
R162	QRD181J-683	"	"	"
R163	QRD181J-183	18 kΩ	"	"
R168	QRD181J-332	3.3 kΩ	"	"
R170	QRD181J-184	180 kΩ	"	"
R175	QRD181J-104	100 kΩ	"	"
R181	QRD181J-272	2.7 kΩ	"	"
R182	QRD181J-472	4.7 kΩ	"	"
R183	QRD181J-151	150 Ω	"	"
R184	QRD181J-472	4.7 kΩ	"	"
R185	QRD181J-331	330 Ω	"	"
R186	QRD181J-223	22 kΩ	"	"
R187	QRD181J-562	5.6 kΩ	"	"
R188	QRD181J-153	15 kΩ	"	"
R189	QRD181J-473	47 kΩ	"	"
R190	QRD181J-221	220 Ω	"	"
R192	QRD181J-222	2.2 kΩ	"	"
R193	QRD181J-104	100 kΩ	"	"
R253	QRD181J-102	1 kΩ	"	"
R254	QRD181J-122	1.2 kΩ	"	"
R255	QRD181J-332	3.3 kΩ	"	"
R256	QRD181J-182	1.8 kΩ	"	"
R257	QRD181J-272	2.7 kΩ	"	"
R258	QRD181J-332	3.3 kΩ	"	"
R259	QRD126J-150	15 Ω	1/2 W	Uninflammable

Others

Item No.	Part Number	Rating	Description
	E03572-007C		Antenna Terminal
	E22319-001		Circuit Board
	E34460-001		Shield Plate
	E48965-002		Fuse Clip
	E60700-001		Earth Plate
	QSL8312-001		Lever Switch
F2	Refer to table 1, page 15.		Fuse
F3	Refer to table 1, page 15.		Fuse

7-(2) TXX-55A & 55ABS Fuse P.C. Board Ass'y

(TPS-94A & 94ABS + TSC-86A & 86ABS)

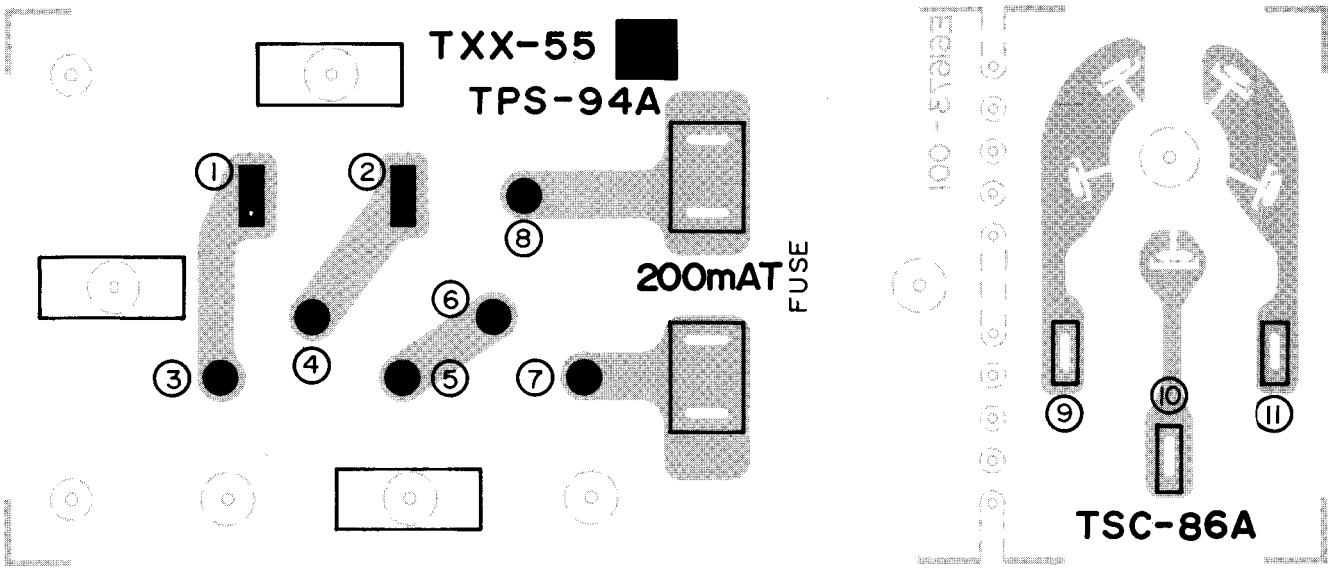


Fig. 13

Others

Item No.	Part Number	Rating	Description
	E48965-002		Fuse Clip
	Refer to table 1 below.		Circuit Board
	QHW2052-001		Wire Clamp
	Refer to table 1 below.		Voltage Selector
F1	Refer to table 1 below.		Fuse

8. Parts List with Specified Numbers for Designated Areas

Page	Item No.	Description	Parts Number			
			U.K.	European continent, Scandinavian countries, Finland	Australia	Other countries
3	1	Rating Label	E47330-337BS	E47330-337	E47330-337	E47330-334
3	2	Label	E61665-001BS	E61665-001	E61665-001	E61665-001
6	3	Lever Switch	QSL2220-003BS	QSL2220-003	QSL2220-003	QSL2220-003
6	4	Power Cord	QMP9017-007BS	QMP3910-244	QMP2500-200	QMP1200-244
6	5	Strain Relief	QHS3876-162BS	QHS3876-162	QHS3876-162	QHS3876-162
6	6	V. Sel. P.C. Board Ass'y	TSC-86ABS	TSC-86A	TSC-86A	TSC-86A
6	7	Voltage Select	QSR0074-001BS	QSR0074-001	QSR0074-001	QSR0074-001
7	8	Fuse P.C. Board Ass'y	TPS-94ABS	TPS-94A	TPS-94A	TPS-94A
4	9	Fuse (Primary) 200 mAT	QMF51A2-R20BS	QMF51A2-R20	QMF51A2-R20	QMF51A2-R20
4	10	Power Transformer	E03042-15EBS	E03042-15E	E03042-15E	E03042-15E
4	11	Fuse (Secondary) 200 mAT	QMF51A2-R20BS	QMF51A2-R20	QMF51A2-R20	QMF51A2-R20
3	12	Metal Cover	E22190-001	E22190-003	E22190-003	E22190-003
3	13	O. Marking Label	E49267-001	–	–	–
6	14	Warning Label	E60965-001BS	–	–	–
4	15	Tuner P.C. Board Ass'y	TXX-54A	TXX-54A	TXX-54A	TXX-54C

(Table 1)

9. Packing Materials List

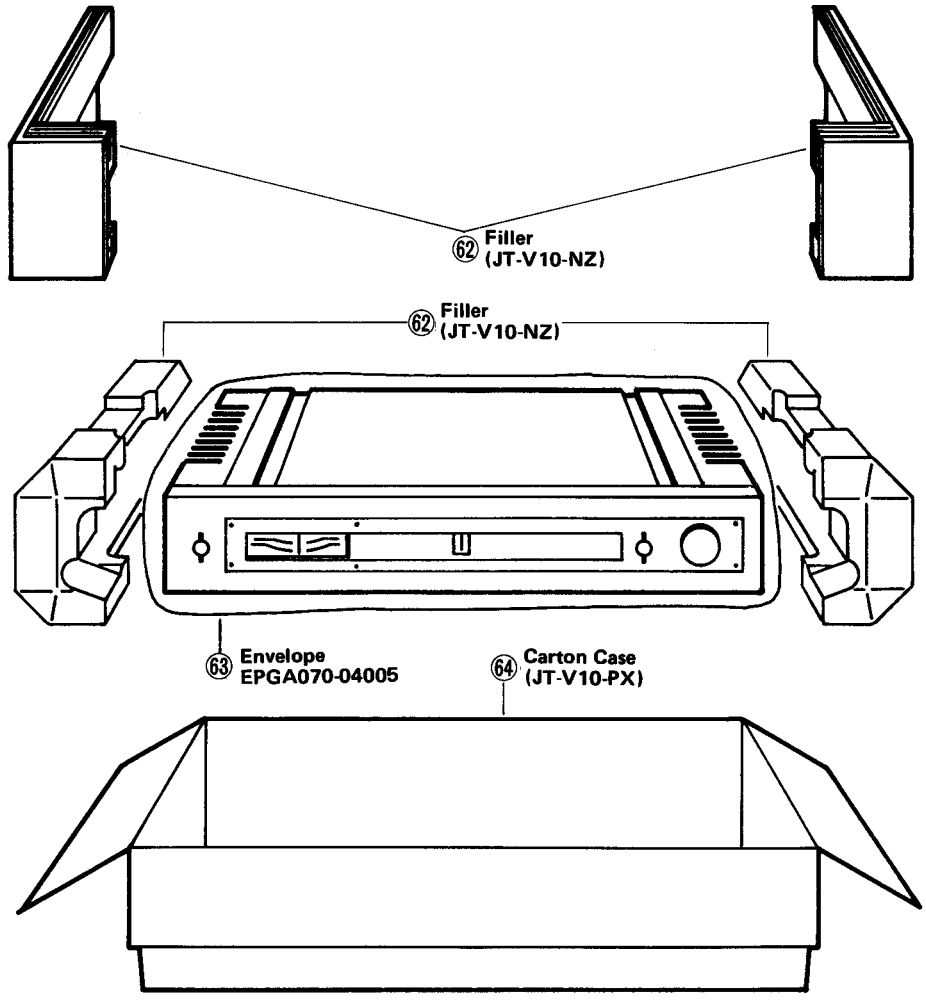


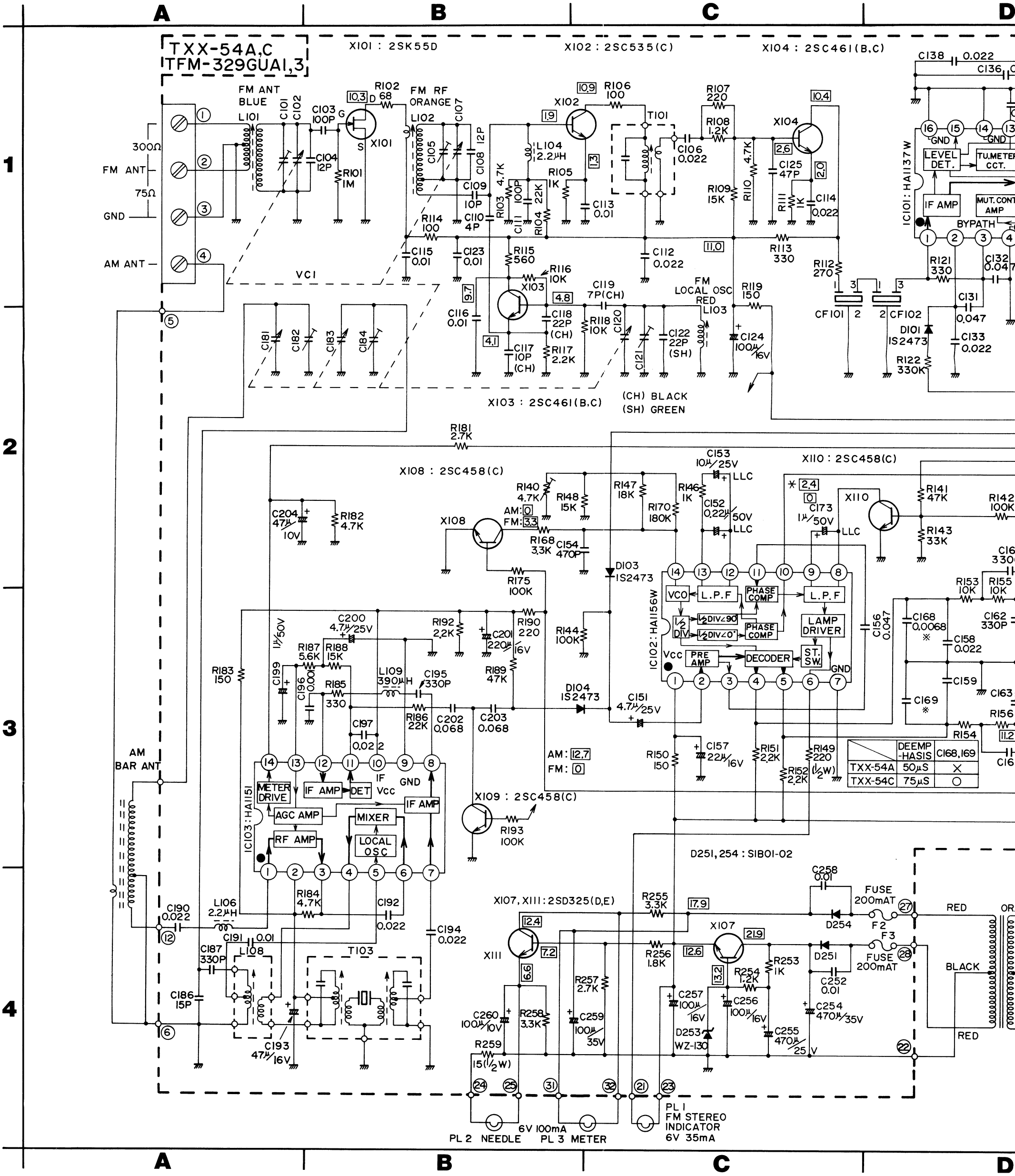
Fig. 14

10. Accessories List

Description	Part Number				Q'ty
	For U.K.	For European continent Scandinavian countries & Finland	For Australia	For other countries	
Instruction Book	E30580-594ABS	E30580-594A	E30580-594A	E30580-594A	1
Envelope (for Accessories)	E41202-2	E41202-2	E41202-2	E41202-2	1
Envelope (for Fuse)	–	–	–	E64208-001	1
Fuse	–	–	–	QMF51A2-R20 (200 mAT/250 V)	
FM Antenna	E03614-002	E03614-002	E03614-002	E03614-002	1
Siemens Plug	–	–	–	E04056	1
Warranty Card	BT20013B	–	BT20029	–	1
Caution Sheet	E60932-003BS (240 V)	E60932-002 (220 V)	E60932-003 (240 V)	E60932-001 (110 V) E60932-002 (220 V) E60932-003 (240 V)	1

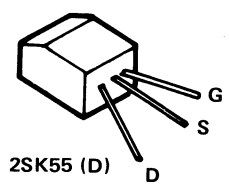
(Table 2)

11. JT-V10 Schematic Diagram

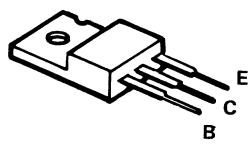


Printed Circuit Board Locations

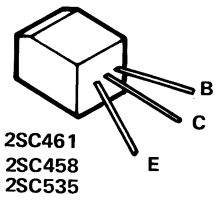
P.C. Board Ass'y	Description	Page
TXX-54A & C	FM/AM Tuner P.C. Board Ass'y	10
TXX-55A & 55ABS	Fuse P.C. Board Ass'y	15



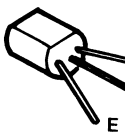
2SK55 (D)



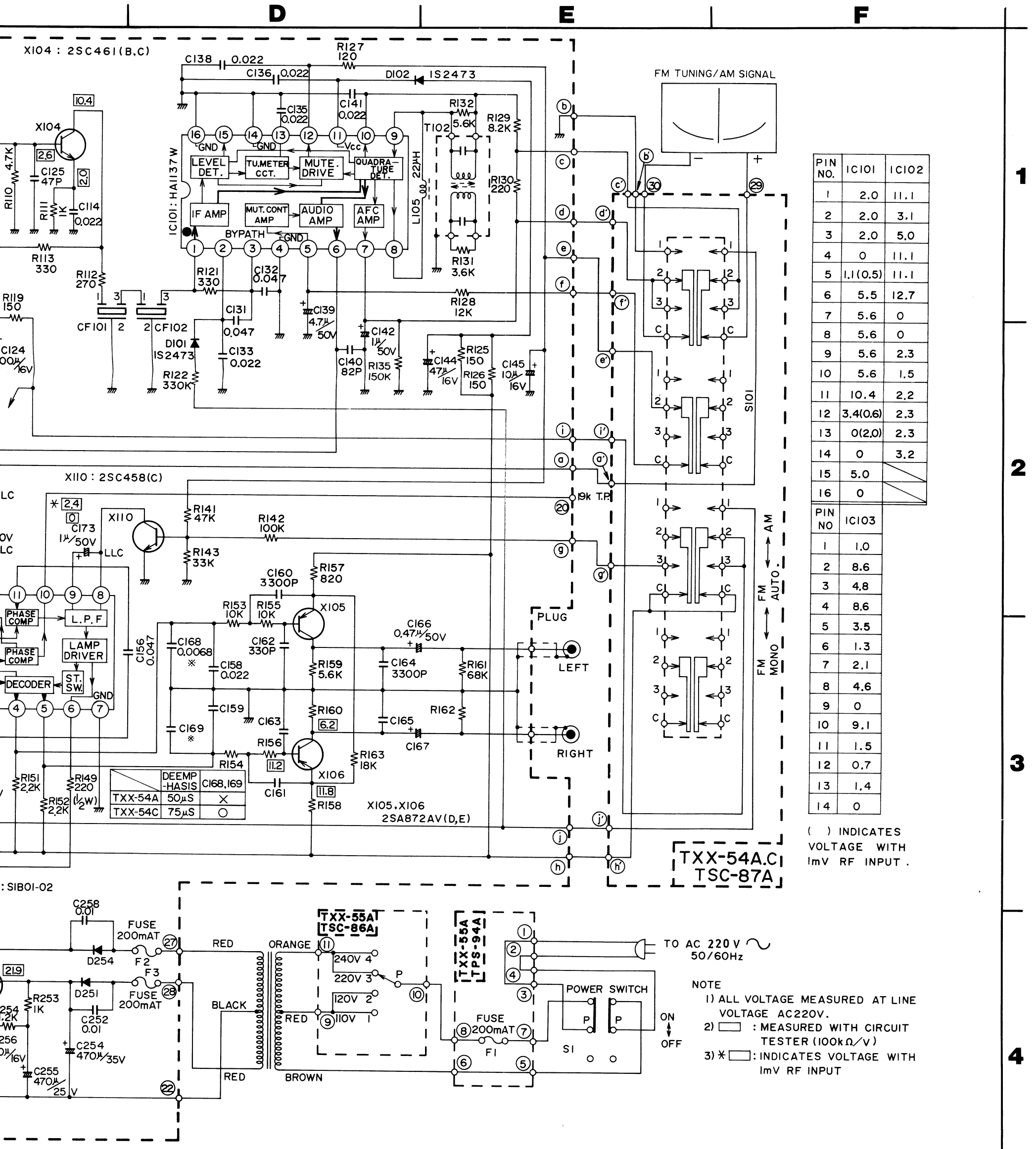
2SD325 (D, E)



2SC461
2SC458
2SC535



2SC458
2SA872AV



PIN NO.	IC101	IC102
1	2.0	11.1
2	2.0	3.1
3	2.0	5.0
4	0	11.1
5	1.1(0.5)	11.1
6	5.5	12.7
7	5.6	0
8	5.6	0
9	5.6	2.3
10	5.6	1.5
11	10.4	2.2
12	3.4(0.6)	2.3
13	0(2.0)	2.3
14	0	3.2
15	5.0	
16	0	

PIN NO	IC103
1	1.0
2	8.6
3	4.8
4	8.6
5	3.5
6	1.3
7	2.1
8	4.6
9	0
10	9.1
11	1.5
12	0.7
13	1.4
14	0

( ) INDICATES VOLTAGE WITH 1mV RF INPUT.

NOTE
1) ALL VOLTAGE MEASURED AT LINE VOLTAGE AC220V.
2) ▭ : MEASURED WITH CIRCUIT TESTER (100kΩ/V)
3) ✳▭ : INDICATES VOLTAGE WITH 1mV RF INPUT

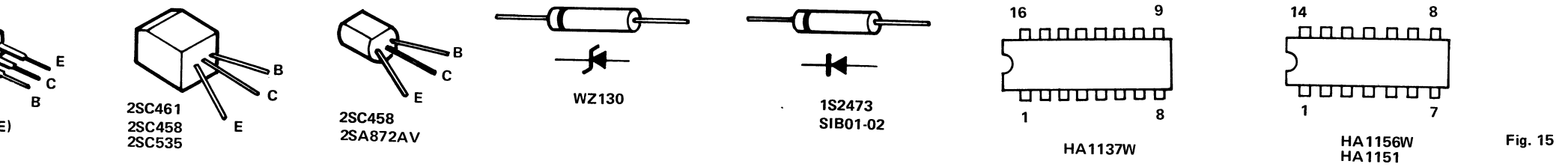


Fig. 15

11. JT-V10 Schematic Diagram for Designated Areas

The schmatic diagram on the back page is for European continent.
For other areas, refer to the schematic dagram for primary circuit shown below.

For United Kingdom and Australia

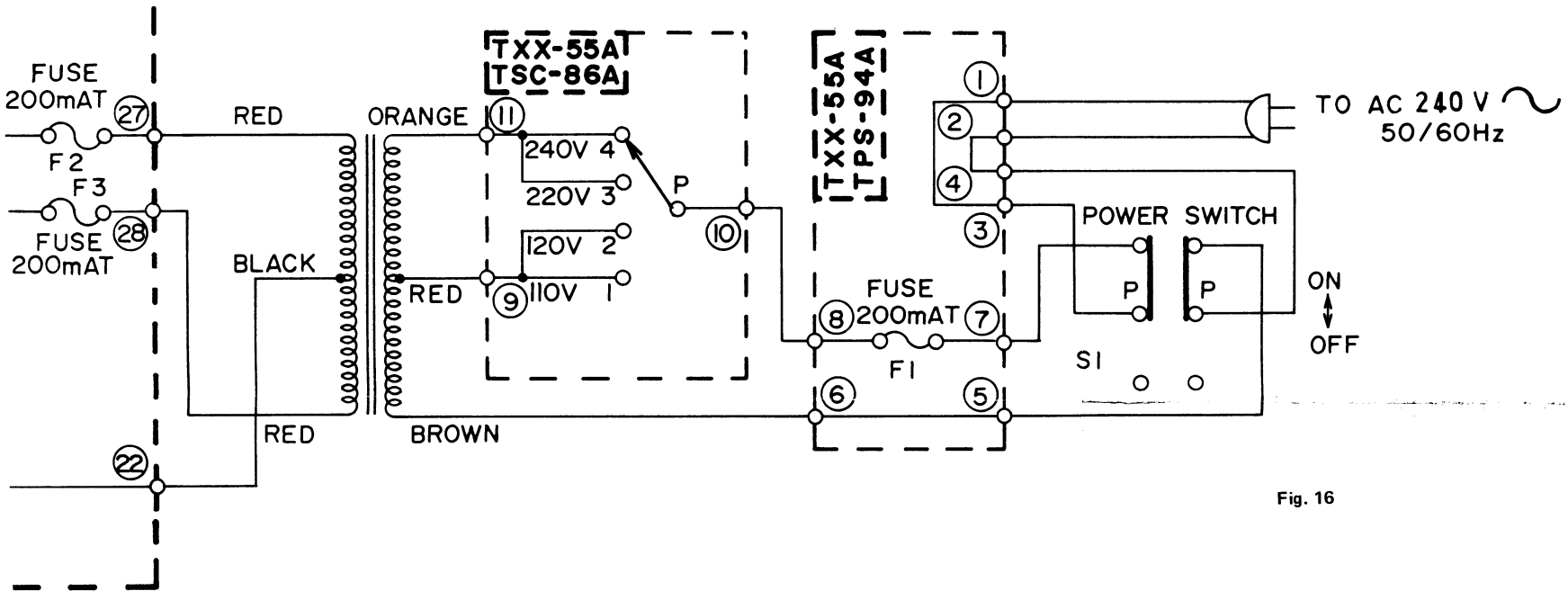


Fig. 16

For Other Areas

The voltage selector on the rear panel should be adjusted for the proper voltage of your area.

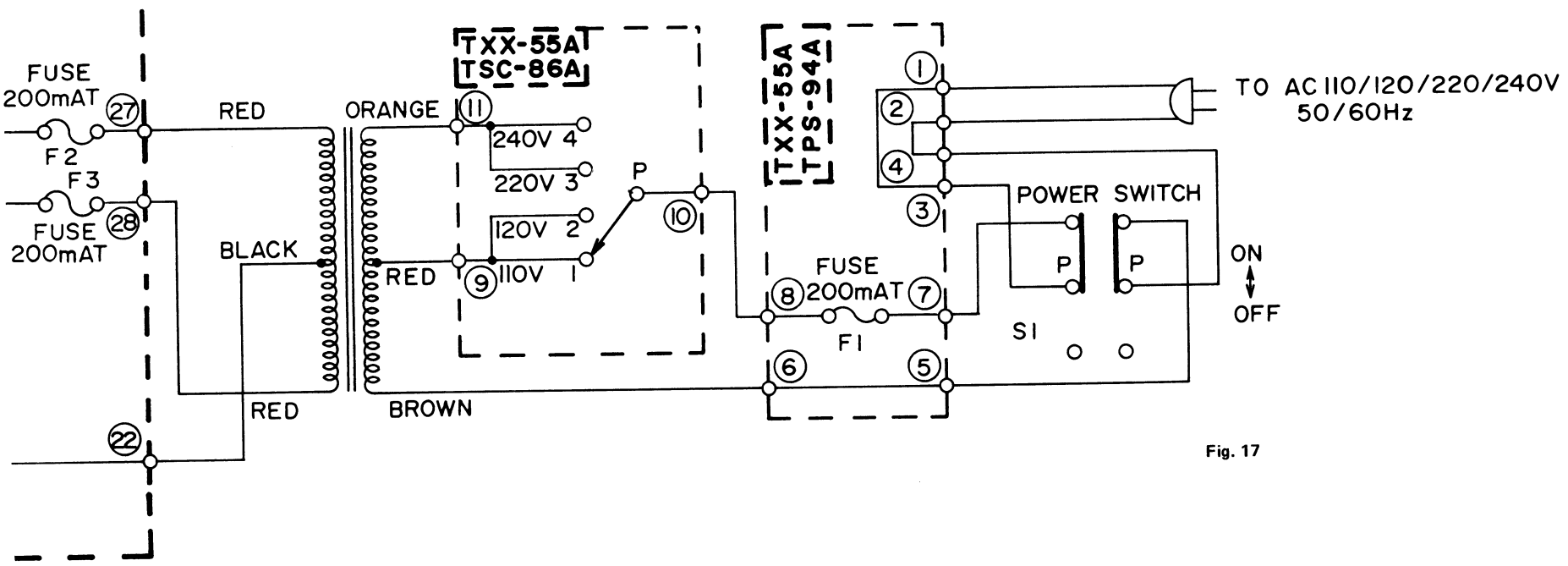
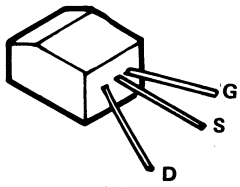
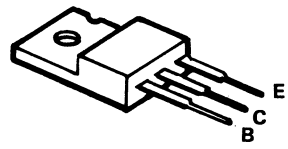


Fig. 17

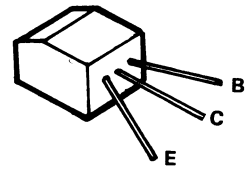
12. Transistor, I.C. and Diode Lead Identification



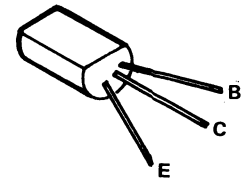
2SK55 (D)



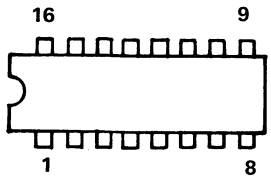
2SD325 (D, E)



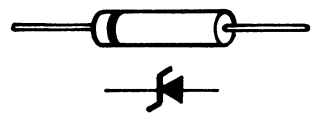
2SC461
2SC458
2SC535



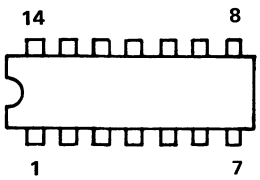
2SC458
2SA872AV



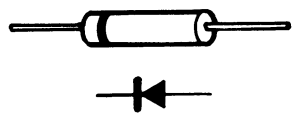
HA1137W



WZ130



HA1156W
HA1151



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